



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Peled, *et al.*

SERIAL NUMBER: 10/767,064

EXAMINER: Singh, Anoop Kumar

FILING DATE: January 29, 2004

ART UNIT: 1632

FOR: EX-VIVO EXPANSION OF HEMATOPOIETIC STEM CELL
POPULATIONS IN MONONUCLEAR CELL CULTURES

Mail Stop Amendment

Commissioner For Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT AND SPECIES ELECTION

In response to the Restriction Requirement and Species Election mailed September 26, 2006, Applicants elect Group I, claims 201, 209-215, 217-231, 235, 238, and 239. The Examiner has also requested that Applicants elect one polynucleotide sequence in claims 220-222. Claims 220-223 are canceled in the Preliminary Amendment accompanying this response, rendering moot the requirement for this election.

The Examiner has also required that Applicants elect a single species of the culturing conditions recited in claim 201. Applicants elect "culturing the mononuclear cells in the presence of at least one copper chelator or chelate".

The Examiner has also required that Applicants elect a single species of the source of the hematopoietic mononuclear cells recited in claim 209. Applicants elect "neonatal umbilical cord cells".

The Examiner has further required that Applicants elect a single species of early acting cytokines recited in claim 212. Applicants elect "FLT3 ligand".

The Examiner has also required that Applicants elect a single species of late acting cytokines recited in claim 214. Applicants elect "granulocyte colony stimulating factor".

Pending elected claims 201, 209-215, 217-219, 224-231, 235, 238, and 239 are readable on the elected species.

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No fees are believed due. Please charge any fees that may be due to Deposit Account No. 50-0311; Attorney Reference No. 24024-506 CON (Customer Number: 30623).

Respectfully submitted,



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Dated: October 25, 2006

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